

The Great Grid Upgrade

Sea Link

Sea Link

Volume 2: Plans and Drawings

Document 2.14.2: Indicative General Arrangements Plans - Kent

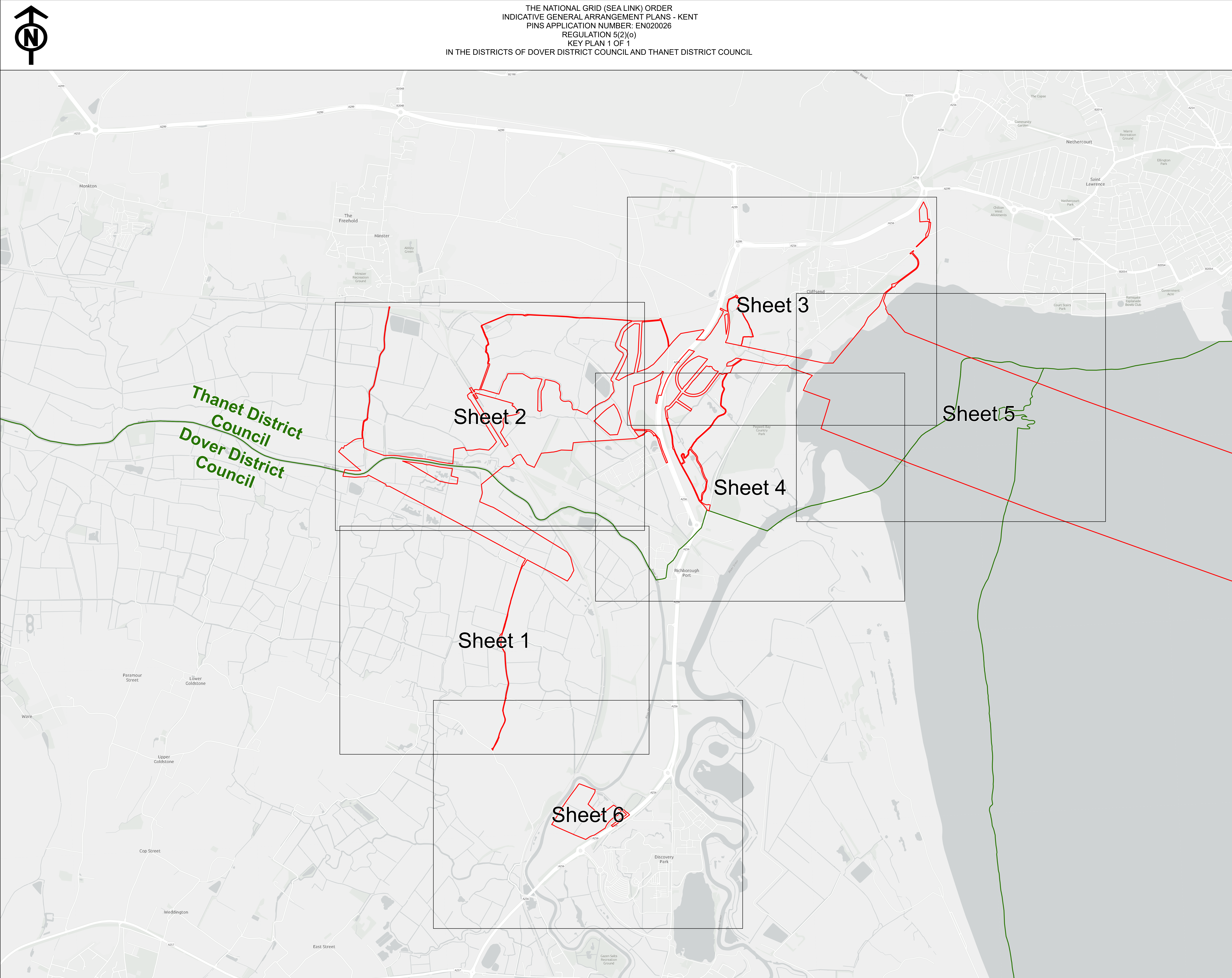
Planning Inspectorate Reference: EN020026

Version: A Version 2, change request
November 2025

Infrastructure Planning (Applications: Prescribed Forms and Procedure)
Regulations 2009 Regulation 5(2)(o)

nationalgrid

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THE NATIONAL GRID (SEA LINK) ORDER
INDICATIVE GENERAL ARRANGEMENT PLANS - KENT
PINS APPLICATION NUMBER: EN020026
REGULATION 5(2)(o)
KEY PLAN 1 OF 1
IN THE DISTRICTS OF DOVER DISTRICT COUNCIL AND THANET DISTRICT COUNCIL

Sheet 1

Sheet 2

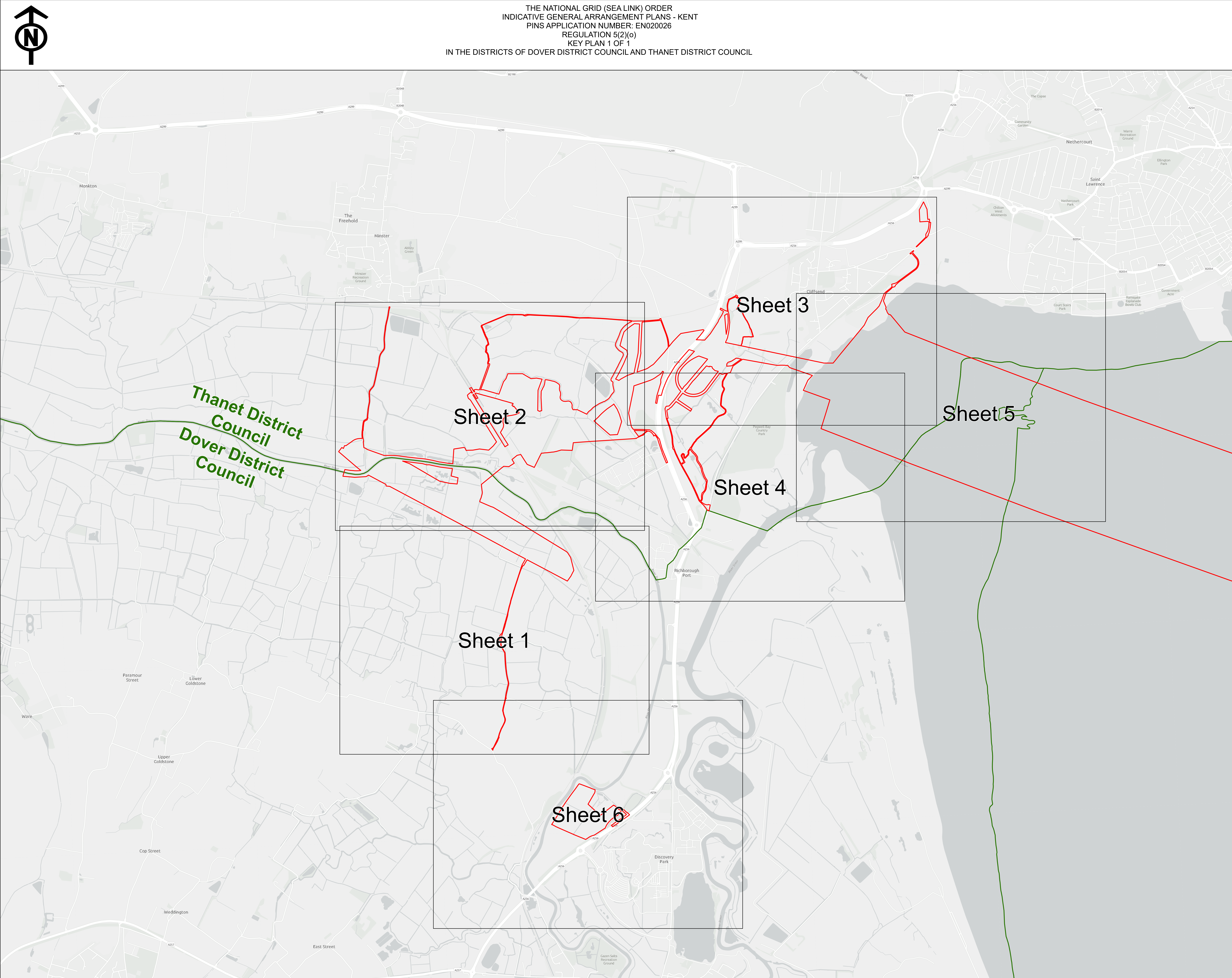
Sheet 3

Sheet 4

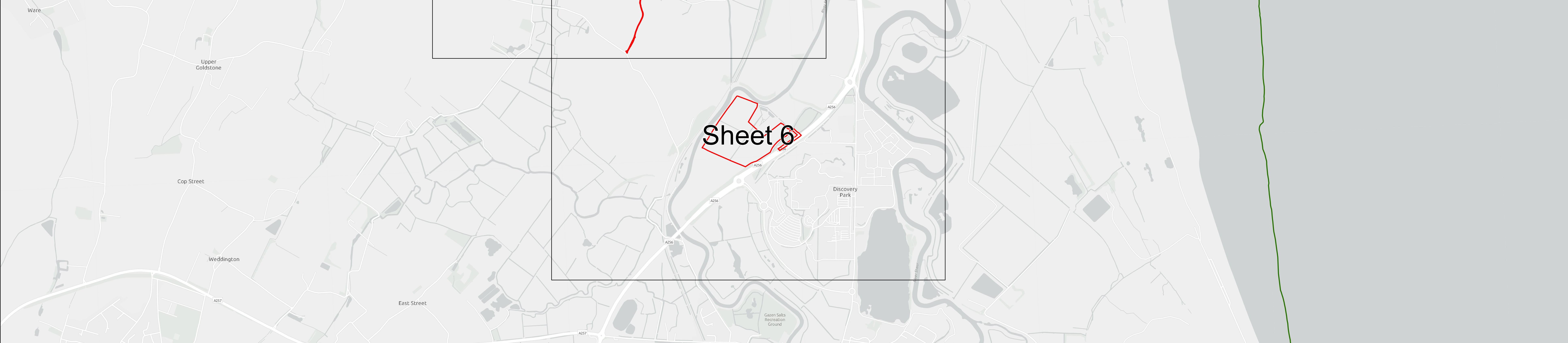
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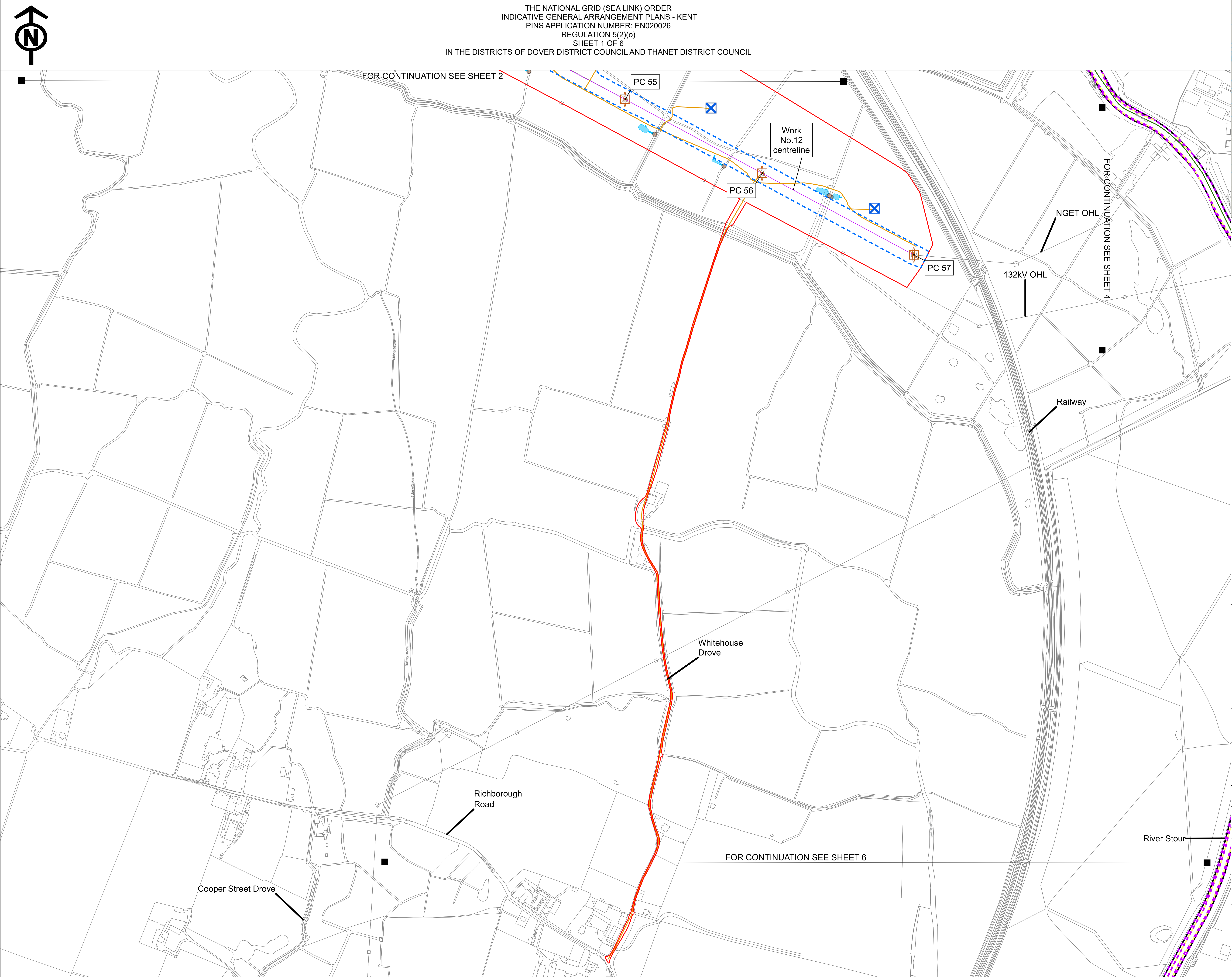
Sheet 6

Thanet District Council
Dover District Council

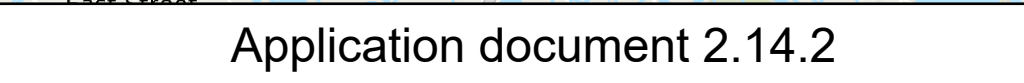


The map displays the Thanet District, divided into six numbered sheets (Sheet 1 to Sheet 6) outlined in red. The district is bordered by Thanet District Council to the north and Dover District Council to the south. The map includes various streets and landmarks, such as Paramour Street, Lower Goldstone, Upper Goldstone, Cop Street, Weddington, East Street, Minster Recreation Ground, Abbot Green, Richborough Port, Discovery Park, Gazon Salts Recreation Ground, Cliffend, Court Square Park, Hastings Esplanade Bowls Club, and Government Ave. The River Stour and Richborough Harbour are also shown.





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- Order Limits
- District Council boundary
- Proposed pylon modification works
- Proposed temporary Over Head Line (OHL) structure
- Proposed access route
- Proposed 400kV overhead lines
- Limit of deviation: Overhead lines
- Proposed drainage - temporary outfall
- Proposed drainage - temporary attenuation pond
- Proposed drainage - temporary attenuation outfall pipe
- Mean High Water Spring (MHWS)
- Mean Low Water Spring (MLWS)

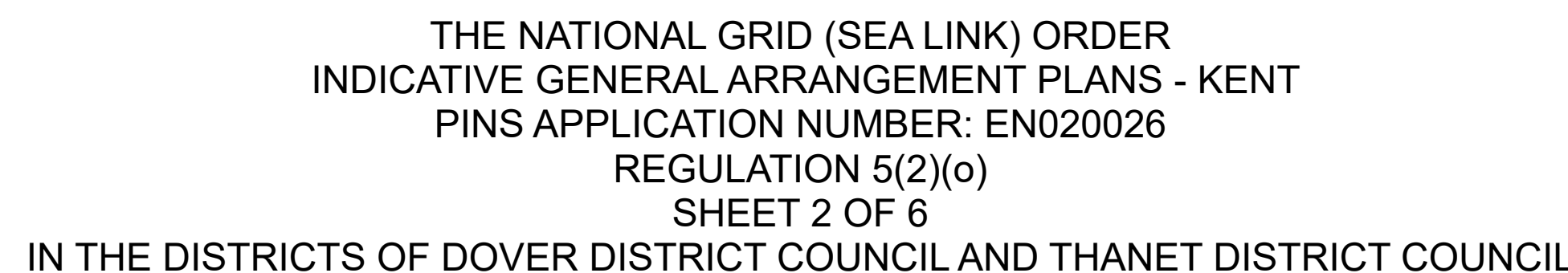
1. This plan is scaled at paper size A0, therefore any prints taken at smaller sizes will affect accuracy of the measurement units and should not be scaled against.
2. These plans show the Order Limits and potential locations for the works. Due to the need for flexibility in the design, the plans are applying for Order Limits and Limits of Deviation within its Development Consent Order, within which any final alignment would lie. Therefore the cable alignment, converter stations, substations and pylon locations should be treated as indicative only.
3. All areas shown on the plan that do not identify as a Work No. are required for other elements of the authorised project as listed within Schedule 1.
4. Due to the narrow nature of some of the accesses, when not printed to scale, they appear as a single red line on these drawings, these are in fact parallel lines following the alignment.
5. For further information on construction please refer to the construction section of the Environmental Statement.
6. Reference should be made to the Guide to the Plans (Document Ref 2) which provides further information on how the plans should be used.
7. Where MHWS coincides with MLWS at the scale of these plans then only the MHWS is shown.

Title _____

nationalgrid

National Grid Drawing Reference

<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
1:2,500	A0	SHEET 1 OF 6	A



- Order Limits
- District Council boundary
- Proposed joint bay
- Proposed pylon
- Proposed pylon modification works
- Proposed pylon removal
- Proposed temporary Over Head Line (OHL) structure
- Proposed access route
- Proposed High Voltage Direct Current (HVDC) cable alignment
- Proposed 400kV overhead lines
- Proposed permanent monitoring access
- Proposed Public Right of Way (PRoW) diversion route
- Proposed utility diversion route
- Limit of deviation: Underground cables
- Limit of deviation: Non-linear works
- Limit of deviation: Overhead lines
- Proposed construction compound
- Proposed permanent access
- Proposed converter station
- Proposed substation
- Proposed drainage - temporary outfall
- Proposed drainage - permanent outfall
- Proposed drainage - temporary attenuation pond
- Proposed drainage - temporary attenuation outfall pipe
- Proposed drainage - permanent attenuation pond
- Proposed drainage - permanent attenuation outfall pipe
- Mean High Water Spring (MHSW)
- Mean Low Water Spring (MLWS)

Sealink Kent HVDC Cable Alignment 20250819

1. The plan is scaled at paper size A0, therefore any prints taken at smaller sizes will be off accuracy of the measurement units and should not be scaled against.
2. These plans show the Order Limits and potential locations for the works. Due to the need for future flexibility, National Grid will be applying for Order Limits and the Order Limits Development Consent Order (DCCO) which allow for the alignment would lie. Therefore the cable alignment, converter stations, substations and pylon locations should be treated as indicative only.
3. All areas within the Order Limits not identified as a Work No. are required for other elements of the project. The Order Limits are defined in Schedule 1 of the DCCO.
4. Due to the narrow nature of some of the accesses, when not printed to scale, they appear as a single red line on these drawings, these are in fact parallel lines following the access route.
5. For further information on construction phase refer to the construction section of the Environmental Statement.
6. Reference should be made to the Guide to the Orders (Document Ref 2.1) which provides further information on what the plans show.
7. Only where MHWS coincides with MLWS at the scale of these plans then only the MHWS is shown.

Coordinate System: British National Grid
Sheet X Centroid Coordinate: 631872.44 Sheet Y Centroid Coordinate: 163213.69



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A	06/03/25	For Submission	JF	SC	JW
Issue	Date	Remarks	Drawn	Checked	Approved

<u>Title</u>	<u>Author</u>	<u>Year</u>	<u>Journal</u>	<u>Volume</u>	<u>Page</u>
1. The Effect of Temperature on the Rate of Reaction of Hydrogen Peroxide with Potassium Iodide	John Doe	2018	Journal of Chemical Education	95	1234
2. Kinetic Study of the Reaction Between Sulfur Dioxide and Hydrogen Sulfide	Jane Smith	2017	Journal of Physical Chemistry	121	5678
3. The Influence of pH on the Stability of Aqueous Solutions of Various Salts	Michael Brown	2019	Journal of Analytical Chemistry	88	9101
4. Thermodynamic Properties of Organic Compounds: A Review	Sarah White	2016	Journal of Thermodynamics	20	2345
5. Spectroscopic Analysis of Organic Molecules in the Gas Phase	David Green	2020	Journal of Spectroscopy	34	6789
6. The Role of Catalysts in Organic Synthesis: A Comprehensive Study	Emily Black	2015	Journal of Organic Chemistry	50	1011
7. Kinetic Modeling of the Reaction Between Nitrogen Dioxide and Carbon Monoxide	Robert Grey	2018	Journal of Chemical Kinetics	42	1234
8. The Effect of Solvent Polarity on the Rate of Reaction of Ethyl Acetate with Hydroxide Ions	Laura Pink	2017	Journal of Physical Chemistry	121	5678
9. Thermodynamic Stability of Organic Compounds: A Computational Study	James Blue	2019	Journal of Computational Chemistry	40	9101
10. Spectroscopic Analysis of Organic Molecules in the Liquid Phase	Olivia Yellow	2020	Journal of Spectroscopy	34	6789
11. The Role of Catalysts in Organic Synthesis: A Comprehensive Study	Benjamin Purple	2015	Journal of Organic Chemistry	50	1011
12. Kinetic Modeling of the Reaction Between Nitrogen Dioxide and Carbon Monoxide	Sophia Cyan	2018	Journal of Chemical Kinetics	42	1234
13. The Effect of Solvent Polarity on the Rate of Reaction of Ethyl Acetate with Hydroxide Ions	Lucas Magenta	2017	Journal of Physical Chemistry	121	5678
14. Thermodynamic Stability of Organic Compounds: A Computational Study	Aria Teal	2019	Journal of Computational Chemistry	40	9101
15. Spectroscopic Analysis of Organic Molecules in the Liquid Phase	Leo Lavender	2020	Journal of Spectroscopy	34	6789
16. The Role of Catalysts in Organic Synthesis: A Comprehensive Study	Valeria Peach	2015	Journal of Organic Chemistry	50	1011
17. Kinetic Modeling of the Reaction Between Nitrogen Dioxide and Carbon Monoxide	Isaac Mint	2018	Journal of Chemical Kinetics	42	1234
18. The Effect of Solvent Polarity on the Rate of Reaction of Ethyl Acetate with Hydroxide Ions	Julia Raspberry	2017	Journal of Physical Chemistry	121	5678
19. Thermodynamic Stability of Organic Compounds: A Computational Study	Samuel Lemon	2019	Journal of Computational Chemistry	40	9101
20. Spectroscopic Analysis of Organic Molecules in the Liquid Phase	Madeline Lime	2020	Journal of Spectroscopy	34	6789

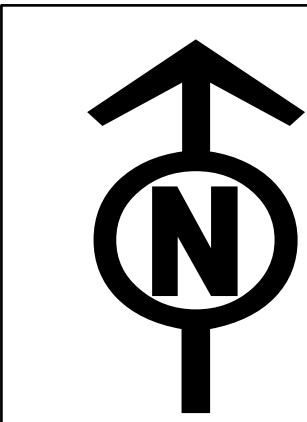
THE NATIONAL GRID (SEA LINK) ORDER
INDICATIVE GENERAL ARRANGEMENT PLANS - KENT
PINS APPLICATION NUMBER: EN020026
REGULATION 5(2)(o)
SHEET 2 OF 6

nationalgrid

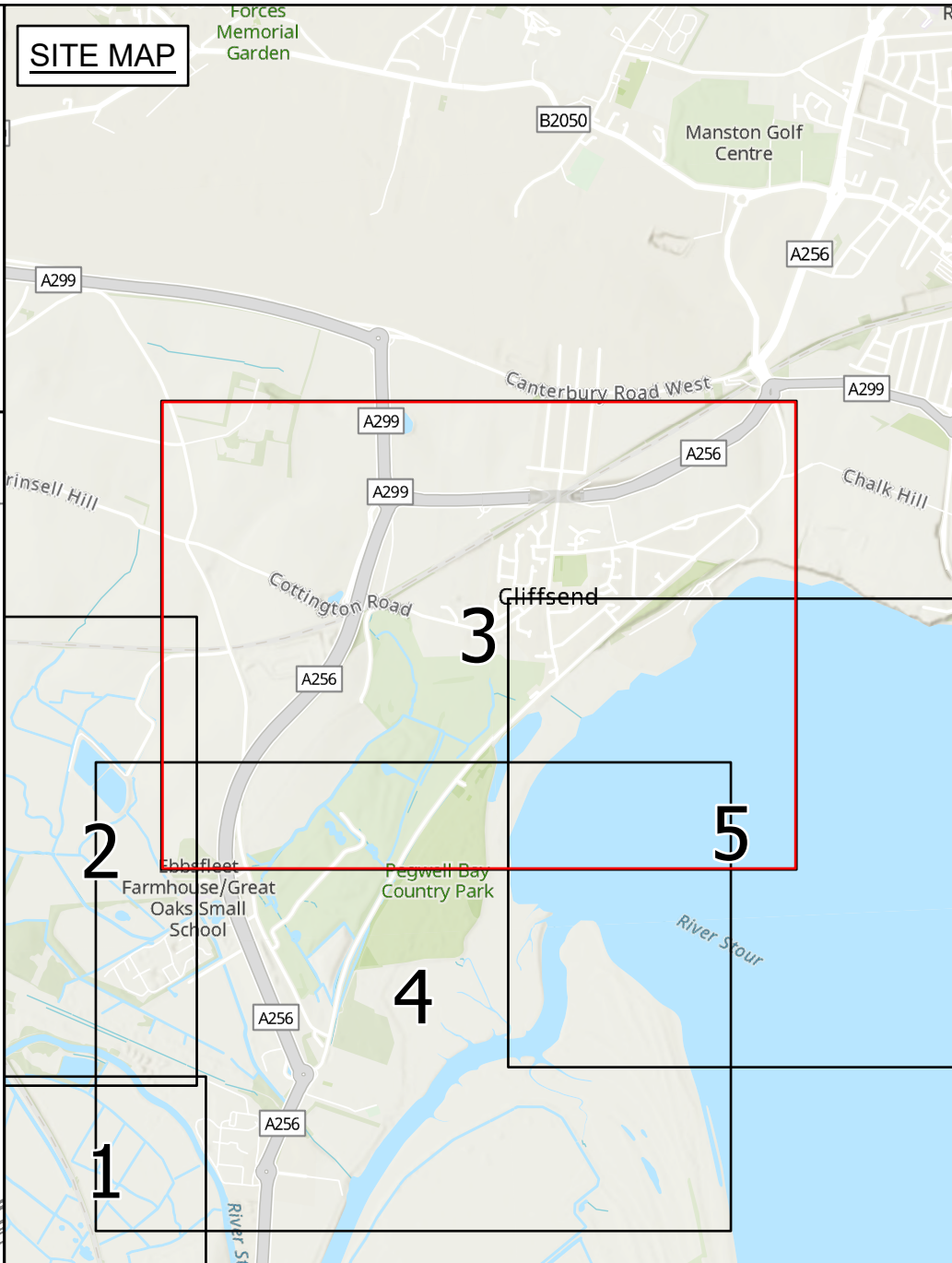
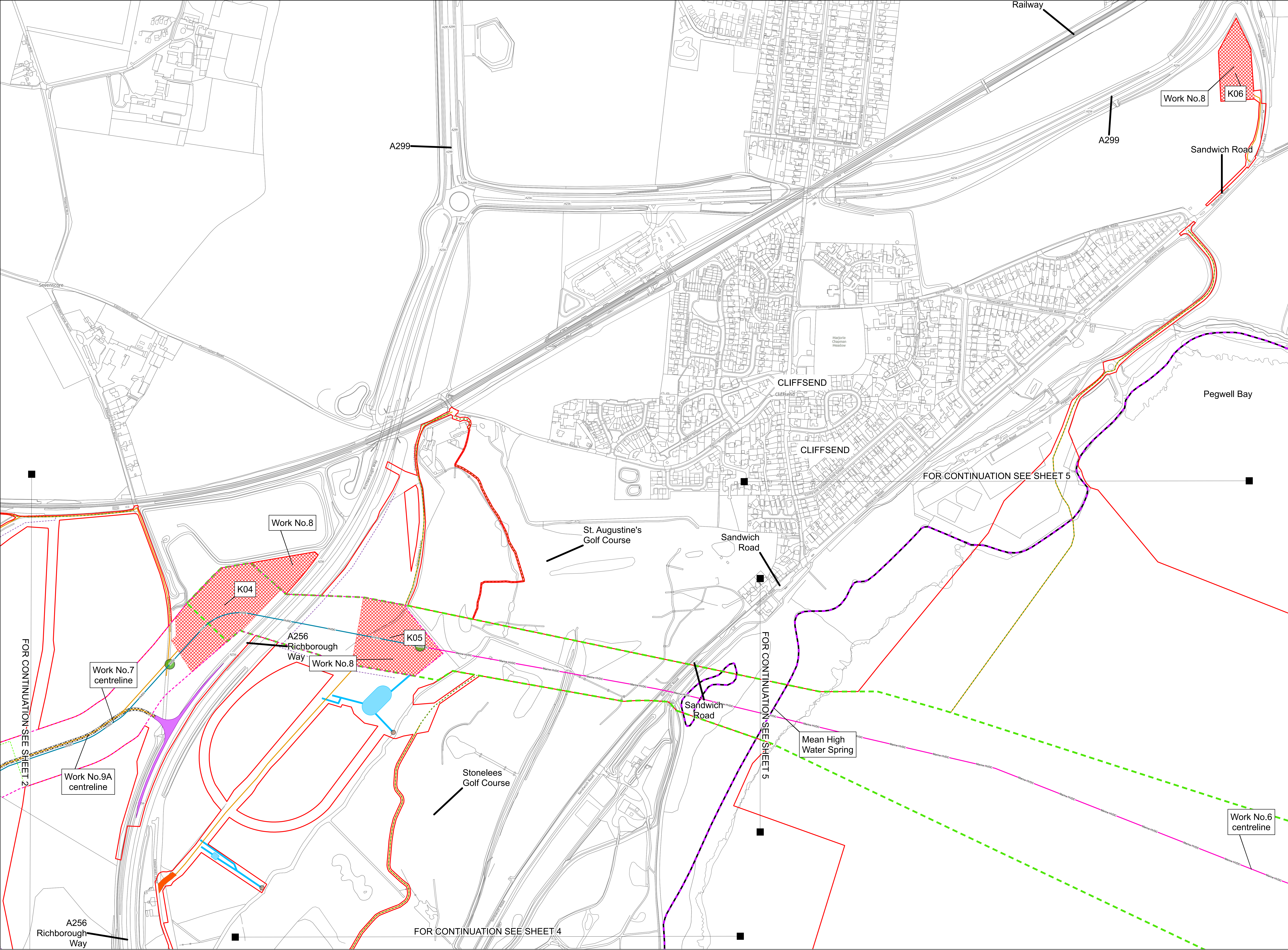
Application Number

National Grid Drawing Reference

<u>Scale</u>	<u>Sheet Size</u>	<u>Sheet</u>	<u>Issue</u>
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THE NATIONAL GRID (SEA LINK) ORDER
INDICATIVE GENERAL ARRANGEMENT PLANS - KENT
PINS APPLICATION NUMBER: EN020026
REGULATION 5(2)(o)
SHEET 3 OF 6
IN THE DISTRICTS OF DOVER DISTRICT COUNCIL AND THANET DISTRICT COUNCIL



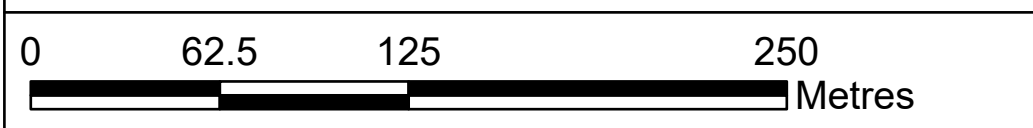
Application document 2.14.2

- Legend**
- Order Limits
 - District Council boundary
 - Proposed joint bay
 - Proposed access route
 - Proposed High Voltage Direct Current (HVDC) cable alignment
 - Proposed permanent monitoring access
 - Proposed Public Right of Way (PRoW) diversion route
 - Proposed utility diversion route
 - Proposed marine High Voltage Direct Current (HVDC) cable alignment
 - Limit of deviation: Underground cables
 - Limit of deviation: High Voltage Direct Current (HVDC) marine cables
 - Proposed construction compound
 - Proposed permanent access
 - Proposed temporary bellmouth
 - Proposed permanent bellmouth
 - Proposed drainage - temporary outfall
 - Proposed drainage - temporary attenuation pond
 - Proposed drainage - temporary attenuation outfall pipe
 - Mean High Water Spring (MHWS)

Source: SeaLink_Kent_HVDC_Cable_Alignment_20250819

- Notes**
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Sheet X Centroid Coordinate: 634300.38 Sheet Y Centroid Coordinate: 164087.64

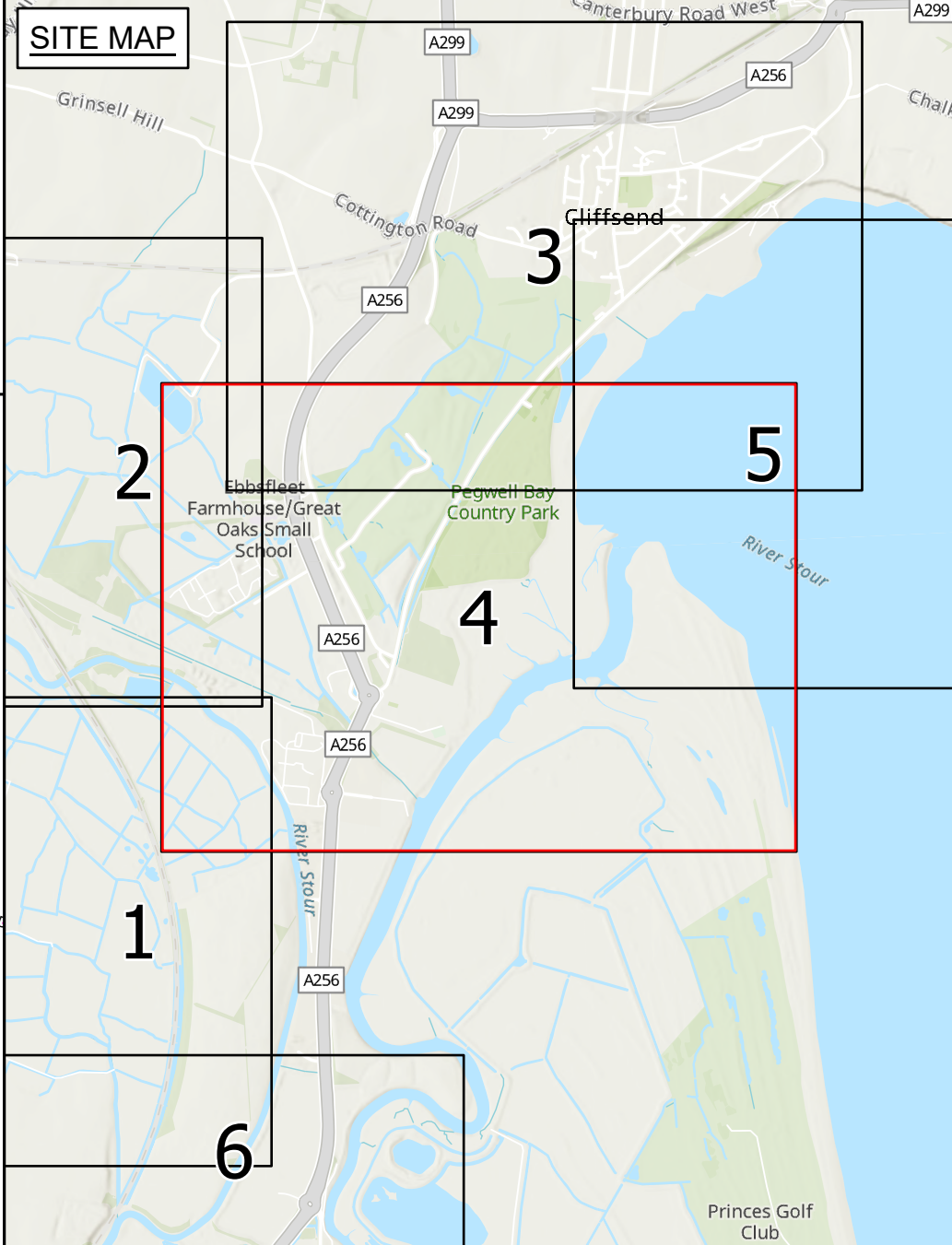
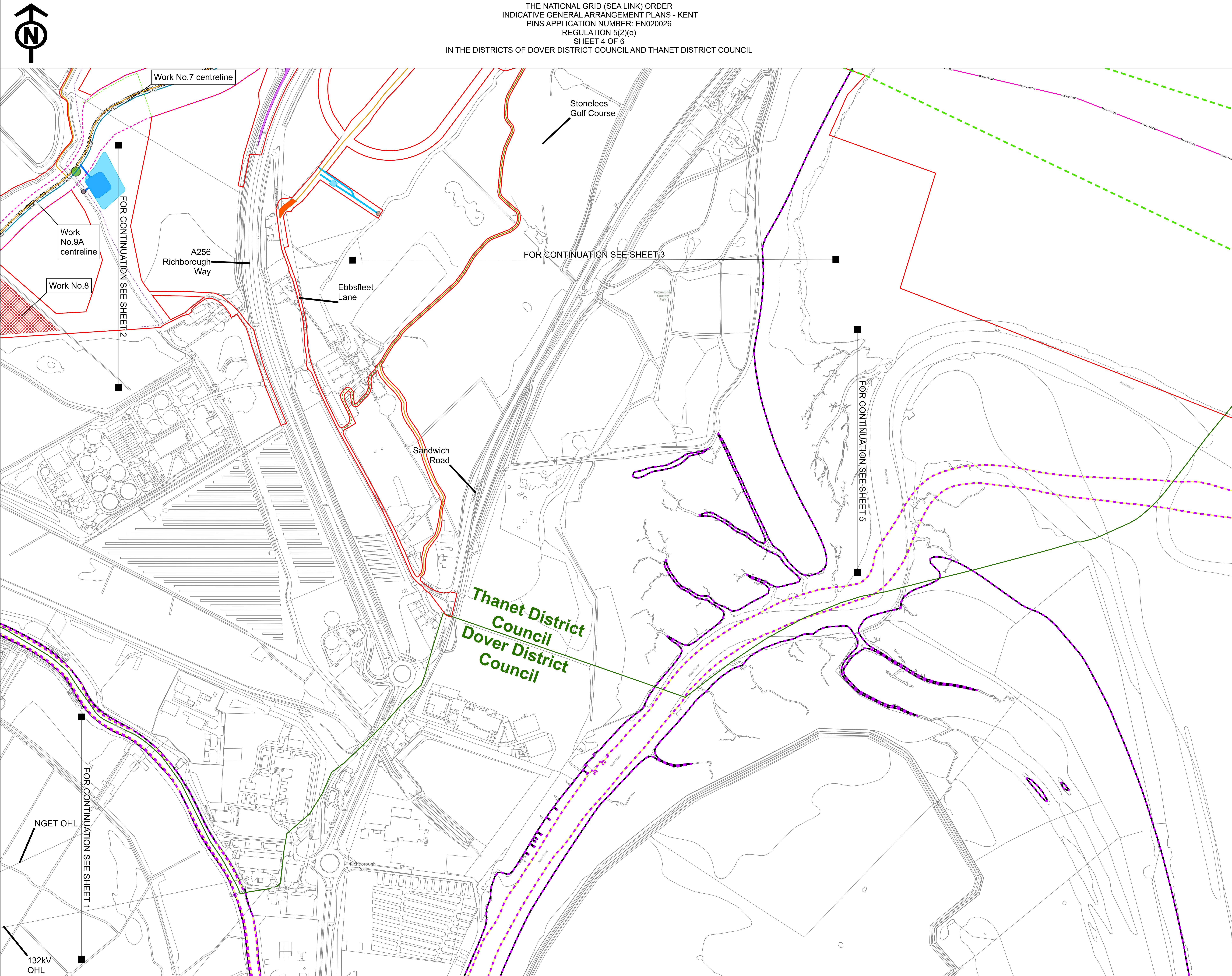


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A ver.2	Nov 25	Change request version	JF	SC	JW
A	06/03/25	For Submission	JF	SC	JW
Issue	Date	Remarks	Drawn	Checked	Approved

Title
THE NATIONAL GRID (SEA LINK) ORDER
INDICATIVE GENERAL ARRANGEMENT PLANS - KENT
PINS APPLICATION NUMBER: EN020026
REGULATION 5(2)(o)
SHEET 3 OF 6

nationalgrid			
Application Number			
EN020026			
National Grid Drawing Reference			
DCO/KIGA/PS/1510			
Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 3 OF 6	A ver.2



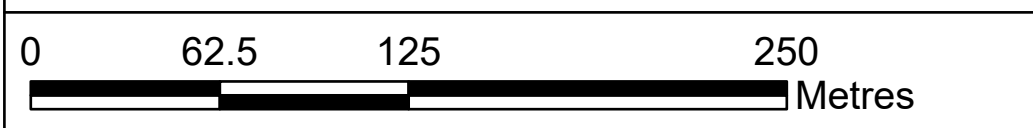
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- Legend**
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 - Mean Low Water Spring (MLWS)
- 20250809-SeaLink_Kent_HVDC_Cable_Alignment_20250819

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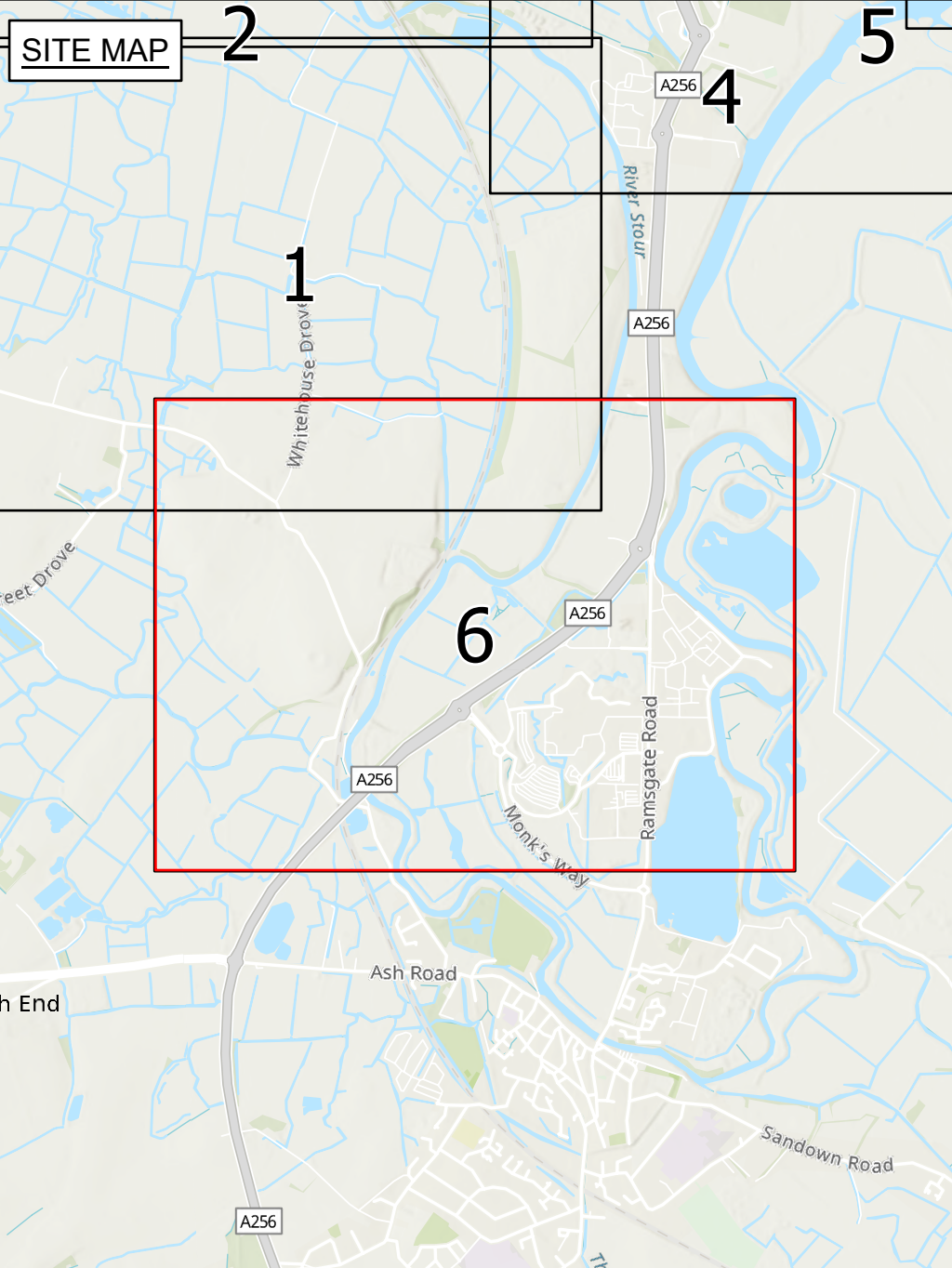
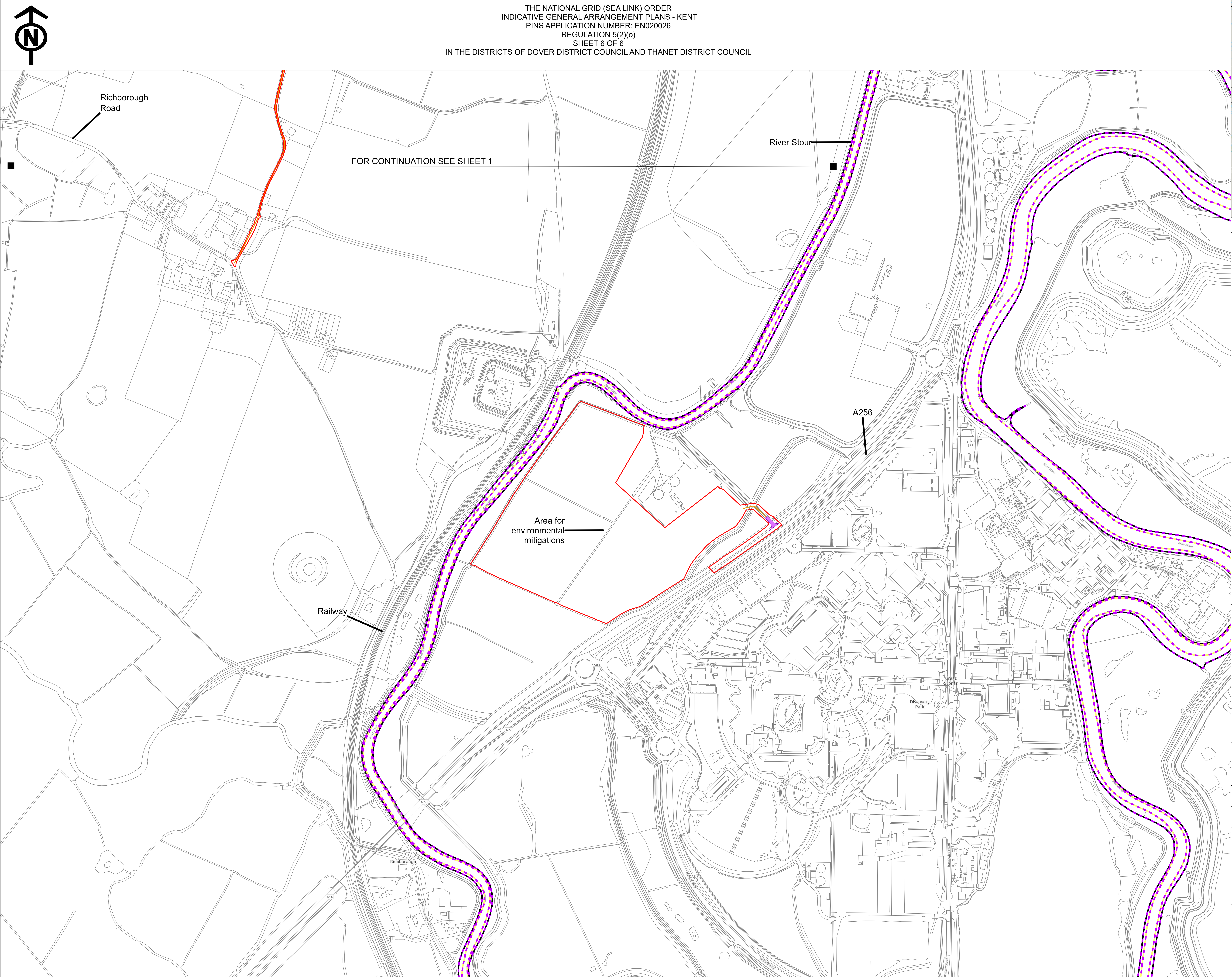


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nationalgrid			
Application Number			
EN020026			
National Grid Drawing Reference			
DCO/K/GA/PS/1511			
Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 4 OF 6	A



Application document 2.14.2

- Legend**
- Order Limits
 - District Council boundary
 - Proposed access route
 - Proposed permanent bellmouth
 - Mean High Water Spring (MHWS)
 - Mean Low Water Spring (MLWS)

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Coordinate System: British National Grid
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A	06/03/25	For Submission	JF	SC	JW

Title

THE NATIONAL GRID (SEA LINK) ORDER
INDICATIVE GENERAL ARRANGEMENT PLANS - KENT
PINS APPLICATION NUMBER: EN020026
REGULATION 5(2)(o)
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Application Number: EN020026

National Grid Drawing Reference: DCO/KIGA/PS/1513

Scale	Sheet Size	Sheet	Issue
1:2,500	A0	SHEET 6 OF 6	A